

INTERNATIONAL SEARCH REPORT

Application No
PCT/L 03/09980

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BELGRADER P ET AL: "Rapid pathogen detection using a microchip PCR array instrument." CLINICAL CHEMISTRY. UNITED STATES OCT 1998, vol. 44, no. 10, October 1998 (1998-10), pages 2191-2194, XP002244350 ISSN: 0009-9147 the whole document	1-10
X	WO 01 31063 A (EPOCH BIOSCIENCES INC) 3 May 2001 (2001-05-03) page 5-67; claims 18-29; examples 1,8,9 -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

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- *&* document member of the same patent family

Date of the actual completion of the international search

9 December 2003

Date of mailing of the international search report

19/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 34842 A (STRIZHKOV BORIS N ;MIKHAILOVICH VLADIMIR (US); MIRZABEKOV ANDREI () 17 May 2001 (2001-05-17)	1-3,6-9
Y	page 1-14; claims 1,21; figures 1-8; examples 1-6	4,5,10
X	STRIZHKOV B N ET AL: "PCR amplification on a microarray of gel-immobilized oligonucleotides: detection of bacterial toxin- and drug-resistant genes and their mutations." BIOTECHNIQUES. UNITED STATES OCT 2000, vol. 29, no. 4, October 2000 (2000-10), pages 844-848, 850 - 852, 854, XP002167651 ISSN: 0736-6205	1-3,6-9
Y	the whole document	4,5,10
X	HUBER M ET AL: "ACCESSING SINGLE NUCLEOTIDE POLYMORPHISMS IN GENOMIC DNA BY DIRECT MULTIPLEX POLYMERASE CHAIN REACTION AMPLIFICATION ON OLIGONUCLEOTIDE MICROARRAYS" ANALYTICAL BIOCHEMISTRY, ORLANDO, FL, US, vol. 303, no. 1, 1 April 2002 (2002-04-01), pages 25-33, XP001126279 ISSN: 0003-2697	1-3,6,8, 9
Y	the whole document	4,5,7,10
X	WO 01 48242 A (YU ZAILIN ;HU QIANJIN (US); MERGEN LTD (US); PENG ZAoyUAN (US)) 5 July 2001 (2001-07-05)	1-3,8,10
Y	paragraphs '0057!-'0065!,'0082!-'0090!; figures 1-3	4-7,9
X	EP 1 186 669 A (BIOCHIP TECHNOLOGIES GMBH) 13 March 2002 (2002-03-13)	1-3,6-10
Y	paragraphs '0001!-'0012!,'0014!,'0016!-'0021!,'0035!- '0048!,'0057!,'0076!; claims 1-15	4,5,9
X	CARMON A ET AL: "Solid-phase PCR in microwells: Effects of linker length and composition on tethering, hybridization, and extension." BIOTECHNIQUES, vol. 32, no. 2, February 2002 (2002-02), pages 410-420, XP001149129 ISSN: 0736-6205	1-3,8-10
Y	page 410 -page 420; figures 2,3	4-7
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 99 02266 A (AKZO NOBEL NV ;DAMME HENDRIK SIBOLT VAN (NL); KREUWEL HERMANUS JOH) 21 January 1999 (1999-01-21) cited in the application claims 1-4,10-16; examples 1-3 ----	1-10
Y	VAN BEUNINGEN ET AL: "Fast and specific hybridization using low-through microarrays on porous metal oxide" CLINICAL CHEMISTRY, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY. WINSTON, US, vol. 47, no. 10, 12 December 2001 (2001-12-12), pages 1931-1933, XP002200111 ISSN: 0009-9147 the whole document ----	1-10
Y	ORTIZ E ET AL: "PNA MOLECULAR BEACONS FOR RAPID DETECTION OF PCR AMPLICONS" MOLECULAR AND CELLULAR PROBES, ACADEMIC PRESS, LONDON, GB, vol. 12, no. 4, May 1998 (1998-05), pages 219-226, XP000882574 ISSN: 0890-8508 the whole document ----	1-10
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Y	US 5 691 146 A (MAYRAND PAUL E) 25 November 1997 (1997-11-25) cited in the application the whole document ----	1-10
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nation on patent family members

Internal

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Information on patent family members

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